

FIGURE 3

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1 H-GSTVPOLLPLPVLGGLLEAAVGIYPSQVIGLVPHLGDRE--TERI
2 APVAVVAALAVOGLLEHAAAHAAAPAOVA-----FTF--TER2
3 AGATGRAND--GPRLLGLLGLVSLGOAKE-ACF--TER
4 R-PR-ASSPCGAAVGPGLGLGSSVAVASQPLQF--LHR
5 LGLINT--LLPGLVTSV-ARSSKSVHAQVTDHNSKGLFAS
6 --ARHP--HULGCVGTAVGLS-ATPAKSCF--C27
7 HRVGL--HAAAGLGLFHAARA-----FQO--C20
8 NVRLPL-Q--CVL-WGGLF-----TAVHPE--F--C40
9 GN--SCYHIVATGLVH-----FER--4-IB
10 CVGA--RRLG--RGPCAAALGLGLGLSTVTOLHCV--C40
11 KSV-LVLYI--GFSGLIINGRDAAP--YTF--V22
12 KKS--YILL--LLGLSGLIINSIDTE--HEB--CHB
13 HRAJE--GPGHSGGLVGLVGLVPAAP--VFA--TER-6a
14 HRAHE--GPGHSGGLVGLVGLVPAAP--VFA--TER-6b

39 --KRDSVCQOOKYIH--PQHNSICCTKKHKKJLYLYNDGPQTERI
32 --Y-APEPGSTCLREYYDQTAQHCCSCSEQCHAKVFC--TER2
31 T-----GLYTHSGE-CCAKCHLLEGLVAVQOQAHR
YRIENOGCHDQKKEYEPHNDVCCERRCPPEEFUFAVC--LHR
XELKTVTAVETOHLEGLHHGQGLKPKPBBGGERKARDCQTVFAS
X-E-----RHYHAQCKKLCQCHCEBOTEVUKDCDQ C27
2 -DRPFEDACHGHPSHYDKAVRRCCYRCCHLLEHPTQQCPQ C20
21 --TACRE--KOYL--INSQGLCCEQCKLVSDC--C40
22 --TESLODP-----CHNCHADTE--CDH 4-IB
31 G-----DTYPSNDR-CCHECPCGCHGVSHCSR C40
21 PHCKCKDTEYKRHH-----LCCCLSCPPOTVASSLCLDS V22
22 SHCKCKDHEYKRHH-----KCCCLSCBBDVYASSLCLDS CHB
71 -VRQVAETPTYPWRDA-ETGERLVCAQCPPTOTFVQPC--TER-6a
72 -VRQVAETPTYPWRDA-ETGERLVCAQCPPTOTFVQPC--TER-6b

75 P-GQDQVDCR-ECESGS-FIASENHLRNLGESC-SK-CRKEH CTERI
76 TKTSQAVVC-DSC-EDSGVYVQLVHNVVFECLBCCGSRSESDOVTER2
77 HQ-T-V-CE-EC-LDSVAVFSVVSATPEPKPC-T-ECVGLDS HFR
78 ERSQDTVC-KTC-PHNSVNEHNLHSTCOLCRP-CJIVLQ LHR
79 H-GDEPDCV-PCQEGKEVTHKHFSSKRRRL-CEEGH FAS
76 HKA-AOCD-PCIEGVFSFSP-----C27
51 R--PDDCRKOC-EEEDYLLDEADRCTACVTGS--RDD C20
52 TEFEFEEC-LCC-GESEFLDTHHRETHCHOKY-CPMLQ C20
40 HRNQ--IC-SPC-PHNSFSSA-GGQRTCDICR-QC--K 4-IB
59 SONT-V-CC-R-PC-GEQFYHGVVSSK-PCKPC-T-CC-NLRS C40
60 KTHQ--OC-TPC-OSGFFJTRHHLPPACBSCNORCHSV V22
58 KTHQ--OC-TPC-ASDFFJTRHHLPPACBSCNORCHSV CHB
61 RDSPPATC-GPC-PERRHPTQFNVYTERGVCHVLCGEREE TER-6a
62 RDSPPATC-GPC-PERRHPTQFNVYTERGVCHVLCGEREE TER-6b

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FIGURE 3 (continued)

[illegible]

FIGURE 3 (continued)

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198 -----QIENVKOTEDSGTTVLPLVIFFG-L-----TFRU
202 GAVHLPQPVSTRSQHTOPTPEPSTAPSTFLLPHOPSPPA TFR2
200 TPPEGQDSTAPSTQEPEAPQDLIAST-----VAGVVTTV HER
204 LAILL-----LTSNTKCKEESRSL-----GWL-----FS
199 -----ARSEQALSPHPQTHLPVSEHLEAR-----TAGNHQTL Q27
201 AASKLTRAPDSPSSVORPSSDPQLSPTOP-----CPEQSGDCR Q20
194 ALVVIP-----OD0
164 DLSPGASSVTPAPAREPGHSPQIIS-----4-1H8
169 -----RPPATQPOETQOPP-----GK40
200 -----OLBESILT-----SELTITHNHTDCN V22
200 -----GLBESIST-----SELTITHNHKDCD GRB
196 -----CTOF-----PLSTRVPG TFR-6a
143 -----TFR-6b

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223 -----CLLSGFIQILHY-----TFRU
252 -----PGLIVGVGTALGLLIQVV TFR2
236 -----PVCSILAAVVGLVA-----HER
230 -----VLFLLFTTVLACAMHRNPS HER
178 -----CLL-LPIPLIV-----FS
164 AD-----Q27
242 KQCEPDYLLDEAGRCTACVSCSRDD-----VEKTPCANHSSRTC Q20
200 -----I-----IFGIFAILLVLFVK-----Q20
190 -----FFL-----4-1H8
181 -----ARPITVQTEA-----GK40
221 PVFNEEY-----FSVHNKVATSOFFTGENR V22
221 PVFRHOY-----FSVHEVATSGFFTQQR GRB
200 AECEER-----AVI TFR-6a
143 -----TFR-6b

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215 -----RYQRW-SKLYSI-----VCOKSTPEKEGELEGT TFRU
200 HCV-----INTQVK-KPLC-----TFR2
269 -----YIAFKRWHSCKQ-----HER
250 LCR-----KLGTLRRII-----LHR
189 -----MVHRKEVOK-----TCKHAKENQGSNE-----FS
166 -----FRO-----Q27
282 ECRPGHICATSATHSCARCVPYPICAAETVTKPDHAEKD Q20
193 -----VAKK-----Q20
195 -----WP-R-----4-1H8
246 -----YONIS-W-VCT-----GK40
246 -----YONIS-W-VCT-----V22
246 -----YONIS-W-VCT-----GRB
217 DFV-AFQDISIKR-----TFR-6a
143 -----TFR-6b

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[illegible][illegible]

FIGURE 3 (continued)

365 NVPPPLRUKFVRRRLGLSDHEIDRLRLQHQRCLEAQYSHL TFR1
 372 PGHGTOVHVTCIVNVCSSDH-SSQCSSQASSTHGDT-- TFR2
 375 AGDTWRHLALGQYQPEHIEFTHEACPVR--ALLNER
 377 PGEHQVANGHANGHVTGOSVTVTGNIIYHNGPVLGQT-- IHR
 246 ---KGFVRKHGCHNEAKIDEIKNDHVQDTAEQKVQLL FS
 244 ---RRKYSKSGSPVEPAEPCRYSCPR-- C07
 411 RRSTQLRSQASVTEPVAEERGLHSQPLHETCHSVGAAYL C00
 255 ---HQCQPV- --- C00
 222 ---RLPPD-AHKPPGGSF- --- 4-IB
 245 ---AODYETDTISYRUGVLDDBHHPOGCHHK- --- C00
 308 ---TQDYETDTISYHUGVLDDBHHPOGCHHK- --- VC2
 311 ---TQDYETDTISYHUGVLDDBHHPOGCHHK- --- CHB
 202 ---WARRPPQLER- TFR-6a
 155 ---PARCGRGQ- TFR-6b

405 ATNRRTPRREATLELLORVLRDHDLLGC- --- TFR1
 388 ASHATQDSATLDA- ---QVPSKECAF- --- TFR2
 165 ---RGPGDP-PAPP- ---EPYPTPEEGA- --- IHR
 279 RHHNQLHGKKEA-YDTLIKDLKKANL-CTLAEKIQ- --- FS
 239 ---EEGSTI- --- C07
 481 ESLPLQDAPAGU-PSSPRDLPEPRAVSTENTHNKIEKIYI C00
 261 --- --- C00
 222 --- --- YI 4-IB
 260 --- --- C00
 319 --- --- PITHSK- --- VC2
 312 --- --- LITHNSQY- --- CHB
 291 --- TFR-6a
 160 --- TFR-6b

431 ---LEDIEALCOPAAP- --- TFR1
 401 ---ASQLETPETLLQSTEEK TFR2
 401 ---LLAALRAIQRAD IHR
 386 ---PGSELSTPYQEDGKAN IHR
 312 ---TILKIDITS-SENSHFR- --- FS
 246 ---P C07
 520 HKADTVIGTVKAELEPGRGLAGPAEPELEEELEADHTPH C00
 260 ---QEDQKES C00
 224 FK ---OPFHRPVQTT 4-IB
 260 ---RTP C00
 345 ---PTRF- --- VC2
 351 ---PTIF- --- CHB
 291 ---SVRER TFR-6a
 160 ---VAGPS TFR-6b

FIGURE 3 (continued)

449	- - - - -	PAPSLLR
448	P - - - -	TBFQ
443	- - - - -	TFR
413	LVESLCSSES	- TATSPV
401	II - - - -	IHR
- - - - -	LAET-ETLGQCQL	FAS
329	- - - - -	HEIQSLV
247	IQED-YRKP-	CWJ
560	YPEQETEPPLGSCDVLNSVEEKGKEDLP	CD30
276	RA - - - -	CD300
230	QEEQDC - - - -	CD300
261	IQEEQADAH - SC - - - -	4-IH
349	- - - - -	GK40
355	- - - - -	WZ2
296	F - - - -	GRB
168	L - - - -	TFR-6A
- - - - -	LPV - - - -	TFR-6B
- - - - -	A P	